

What is claimed is:

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1. ~~An alternate current (AC) plasma display panel comprising.~~

first and second substrates disposed facing to each other to form a discharge space, at least one of said substrates being transparent;

5 a plurality of display electrodes over said first substrate, each of said display electrodes comprising a scan electrode and a sustain electrode; and

one or more conductors disposed over said first substrate, each of said conductors adjoining the each of said display electrode,

wherein:

10 said display electrodes are arranged in rows; and

said conductors generate an electromagnetic wave having reverse polarity to an electromagnetic wave generated by a current running through said display electrodes.

15 2. The AC plasma display panel according to claim 1 wherein each of said conductors is coupled to one of said scan electrode and said sustain electrode.

3. The AC plasma display panel according to claim 2 wherein each of said conductors adjoins <sup>a respective one</sup> each of said display electrodes.

20 4. The AC plasma display panel according to claim 3 wherein an arrangement order of a conductor and a display electrode in any row of the rows is reverse to an arrangement order of a conductor and a display electrode in a row adjoining the any row.

25 5. The AC plasma display panel according to claim 1 wherein each of said conductors adjoins each of said display electrodes.

6. The AC plasma display panel according to claim 5 wherein an arrangement order of a conductor and a display electrode in any row of the rows is reverse to an arrangement order of a conductor and a display electrode in a row adjoining the any row.

7. The AC plasma display panel according to claim 1 further comprising:  
a dielectric layer covering said display electrodes and said conductors; and  
a barrier disposed on said dielectric layer, between any adjacent rows, and

10 ~~in approximately parallel with said conductors.~~

8. The AC plasma display panel according to claim 7 wherein said barrier is made of photo-absorptive material.

15 9. The AC plasma display panel according to claim 1 wherein currents run through said conductors in the reverse direction to currents running through said display electrodes when a sustain pulse voltage is applied to said display electrodes.

20 ~~10. An alternate current (AC) plasma display panel comprising:~~

~~a first insulating substrate being transparent;~~

~~a plurality of display electrodes disposed over said first insulating substrate, each of said display electrodes comprising a scan electrode and a sustain electrode and being arranged in a stripe shape;~~

25 ~~a dielectric layer disposed over said first insulating substrate and covering said display electrodes;~~

~~a second insulating substrate facing to said first insulating substrate to~~

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~~form a discharge space,~~

a plurality of data electrodes disposed over said second insulating substrate and orthogonally to said display electrodes

at least one conductor disposed over said first substrate in approximately  
5 parallel with said display electrodes,  
wherein said conductor is coupled to one of said scan electrode and said sustain electrodes.

11. The AC plasma display panel according to claim 10 further comprising a  
10 barrier disposed over said dielectric layer between said display electrodes in  
approximately parallel with said conductor.

12. The AC plasma display panel according to claim 11 wherein said barrier is  
made of photo-absorptive material.

13. The AC plasma display panel according to claim 10 wherein a current runs  
15 through said conductor in the reverse direction to currents running through said  
display electrodes when a sustain pulse voltage is applied to said display  
electrodes.

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a3 14. ~~The AC plasma display panel according to claim 10 wherein said conductor~~  
is coupled between said scan electrode and a driving circuit.

15. The AC plasma display panel according to claim 10 wherein said conductor  
25 is coupled between said sustain electrode and a driving circuit.

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